The Multimedia in Physics Teaching and Learning community

Conference or Workshop Item

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The Multimedia in Physics Teaching and Learning community share a keen interest in pedagogical approaches to physics education. A major part of this concerns the development of software and hardware tools to enhance the experience of students and teachers. In September 2017 around 60 colleagues from across the globe came to The Open University campus for three days of networking and sharing of ideas. In plenary sessions John Belcher spoke about the MIT's TEAL project on learning environments for electromagnetism, Eileen scanlon spoke on Learning and Teaching physics 'in the open' and Bruce Mason reviewed Mobile technology. There were general contributions by participants in sessions on Virtual and remote labs, Developments in schools, Simulations and representation, IT/arduino projects, Game based learning, and Use of smart phone technology. There were also workshop activities on Jupyter Notebooks, Remote and Robotic Observatories and on the OpenSTEM labs facilities of the Open University. The abstracts of contributions are archived at this URL https://bit.ly/2SKtoKF .

Formal reports based on some of the presentations are included here for future reference. These have been edited together to form a coherent record of those contributions that were ready for publication in a print format.

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